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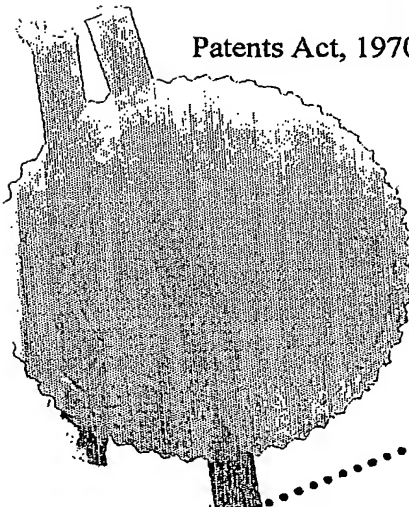
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THE PATENTS ACT, 1970

IT IS HEREBY CERTIFIED THAT, the annex is a true copy
of Application and Complete Specification filed on 24/06/2002 in respect of Patent
Application No. 552/MUM/2002 of Dr. Anthony Joseph of 'Rose', S.No.48/11 A, Samata
Colony, Rahalni, Pimpri, Pune - 411 042, Maharashtra, India, An Indian National.

This certificate is issued under the powers vested in me under Section 147 (1) of the
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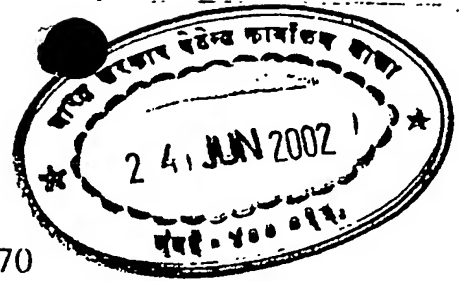
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FORM 1

THE PATENTS ACT, 1970

(Section-7)

APPLICATION FOR GRANT OF A PATENT



1. I Dr. Anthony Joseph, son of Mr. Devasia Joseph, aged about 51 years, Pune, Indian National, having my address at 'Rose', S.No. 48/11 A, Samata Colony, Rahalni, Pimpri, Pune 411 042, Maharashtra, India.

2. I hereby declare -

- (a) that I am in possession of an invention titled:
"An ayurvedic medicinal preparation"
(b) that the Complete specification relating to this invention is filed with this application.
(c) that there is no lawful ground of objection to the grant of a patent to us.

3. Further declare that the inventor for the said invention is myself i.e.:

a. Name:

Nationality:

Address:

Dr. Anthony Joseph

Indian

'Rose', S.no. 48/11 A

Samata Colony

Rahalni

Pimpri

Pune 411 042

Maharashtra

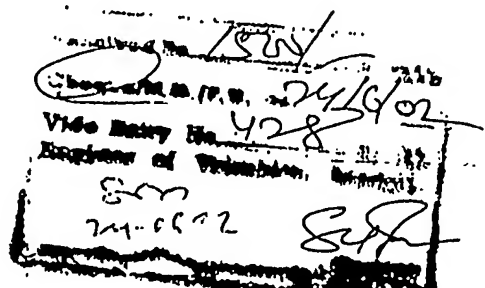
52/मुंबई/2002
MUM

24 JUN 2002

4. I, Dr. Anthony Joseph, do not claim the priority from the Application(s) filed in NIL convention countries, particulars of which are as follows:

- a. Name of the country :
b. Application No. :
c. Date of Application :
d. Applicant in convention country :
e. Title of the invention in the Convention country :
Not Applicable

552/mum/2002
24/6/2002



5. I, Dr. Anthony Joseph, state that the said invention is not an improvement in or modification of the invention, the particulars of which are as follows and of which we are the applicant/patentee:

- a. Application No. or Patent No. : Not Applicable
- b. Date of Appln. No. or date of Patent : Not Applicable

6. That I am the inventor and applicant;

7. That my address for service in India is as follows:

Usha A. Chandrasekhar
3E1, Court Chambers
New Marine Lines Road
Mumbai 400 050

8. That to the best of my knowledge, information and belief the fact and matters stated herein are correct and that there is no lawful ground of objection to the grant of patent to me on this application.

9. Following are the attachment with the application:

(a) Complete specification (3 copies).

(b) Power of authority.

(c) Fee Rs. 1500 in DD bearing No. 62556 dt: 19th June, 2002 drawn on Indian Bank.

We request that a patent may be granted to us for the said invention.

Dated this 13th day of June 2002



Dr. Anthony Joseph



To
The Controller of Patents
The Patent Office, Mumbai

ABSTRACT: The invention relates to a process for the preparation of an ayurvedic medicinal preparation used as a prophylactic for cardiac ailments and for increasing cardiac muscle tonicity. The principal ingredient used are nuts from the plants belonging to the anacardiaceae family. The process includes deactivating or removal of toxins and irritants contained in the nuts, and extracting the oil from the nuts. By a separate process an extract of Allium Sativum Linn and Zingiber Officinale Rosc and are prepared in a vegetable oil. The filtered oil extract and Allium Sativum Linn and Zingiber Officinale Rosc extract are mixed together.

To
The Controller of Patents
Mumbai



FORM 2

THE PATENTS ACT 1970

COMPLETE SPECIFICATION
(Section 10)

ORIGINAL

TITLE: An ayurvedic medicinal preparation.

APPLICANT: Dr. Anthony Joseph, son of Mr. Devasia Joseph, Pune Indian National, residing at ROSE, S.No. 48/11 A, Samata Colony, Rahalni, Pimpri, Pune 411 042, Maharashtra, India.

The following specification describes the nature of the invention:

552 | मुंबई | 2002
MUM

24 JUN 2002



FIELD OF INVENTION: The invention relates to an ayurvedic medicinal preparation, essentially from nuts of the anacardiaceae family, *Allium Sativum* Linn and *Zingiber Officinale* Rosc for use as a prophylatic cardiac tonic, for general revitalization of the human body and for increasing cardiac muscle tonicity.

BACKGROUND OF THE INVENTION: Several ayurvedic preparations are in use for the treatment of heart ailments and as a prophylatic preparation for cardiac care. Most commonly used and reported are extracts or preparations from the plant *terminalia arjuna* Patent Application No: 1184/MUM/2001 describes a process for an ayurvedic preparation from *terminalia arjuna* bark, *acorus calmus* stem, *magnifera indica* bark, *Moringe oelifera* bark, *murraya koengil* leaf, *pipeer longum* fruit, *boerhaavia diffusa* root. The presently known ayurvedic preparations are very selectively effective.

The present invention describes for the first time a process for a complete ayurvedic preparation, made essentially from nuts of plants belonging to the genus *anacardiaceae*, for revitalising the human body. The preparation enhances the tonicity of the heart muscles, increases the production of blood by the marrow, reduces occlusion of arteries, improves myocardial blood flow and prevents cardiac ailments.


Nuts from the *anacardiaceae* family contain toxins and irritants, and cause contact dermatitis, because of which rash and irritation occurs. Hence its medicinal value has been explored only in a limited way for cancer, gastric infections and fungal infections but not in respect of cardiovascular treatment. The invention also describes for the first time the use of nuts of the *anacardiaceae* family for treatment of cardiac ailments. The present invention also describes a method preparation whereby the toxic irritants from the nuts are removed so that it becomes conducive for human use.

SUMMARY: In its main aspect the invention consists of a process for an ayurvedic medicinal preparation used as a prophylactic for cardiac ailments and for increasing cardiac muscle tonicity. The principal ingredient used are nuts from the plants belonging to the anacardiaceae. The nuts are cleaned and dried. The toxins and irritants contained in the nuts, are removed or deactivated by repeated cooking and drying of the nuts in milk to obtain pure detoxified nuts. The oil in the nuts which is the essential ingredient for this invention, is extracted by boiling the detoxified nuts in a medium of clarified butter obtained from cow's milk, until all the moisture is removed. The medium is maintained at a temperature of 50° to 80°, for an extended period of time until the medium is absolutely moisture free. By a separate process, *Allium Sativum* Linn and *Zingiber Officinale* Rosc are cooked in a moisture free vegetable oil to obtain a *Allium Sativum* Linn and *Zingiber Officinale* Rosc extract. The oil extract and the *Allium Sativum* Linn and *Zingiber Officinale* Rosc extract are filtered separately and mixed together.

In another aspect of this invention, the nuts used are either of the species *Semecarpous Anacardium* Linn or *Anacardium Occidenatale* Linn.

In a further aspect of this invention *Zingiber Officinale* Rosc and *Allium Sativum* Linn are used in a proportion of 1:2 by weight in vegetable oil of 3 proportions by weight, and mixed with filtered oil extract obtained from 2 proportions by weight of nuts.

In yet another aspect of this invention the vegetable oil used is purified castor oil.



DESCRIPTION: The following description of the process is the best known method of working this invention.

The nuts of the anacardiaceae family are cleaned and dried. Subsequently they are cooked in milk and dried. The process is repeated several times to obtain pure detoxified nuts from which the irritants and toxins have been removed or deactivated. Nuts preferably used are from the plants of Semecarpous Anacardium Linn or Anacardium Occidenatale Linn. The detoxified nuts are boiled in a medium of clarified butter (ghee) made from cow's milk, until all the moisture is removed and the spluttering of the medium ebbs. The medium is maintained at a temperature of 50° to 80° for an extended period of time to ensure removal of any remainder moisture. By the aforesaid process the essential oil from the nut is extracted in to the medium. By a separate process, Zingiber Officinale Rosc and Allium Sativum Linn in a proportion of 1:2 by weight is cooked in vegetable oil, preferably purified oil, to obtain a Zingiber Officinale Rosc - Allium Sativum Linn extract. The Zingiber Officinale Rosc - Allium Sativum Linn extract and the nut oil extract are separately filtered to remove all solid particles and mixed together.

In the preferred embodiment of this invention, 1:2 proportion by weight of Zingiber Officinale Rosc and Allium Sativum Linn are cooked in 3 proportions by weight of vegetable oil, preferably oil from Ricinus Communis Linn. The filtered extract of Zingiber Officinale Rosc and Allium Sativum Linn so obtained is mixed with filtered nut oil extract obtained from 2 proportions by weight of nuts.


The viscous liquid is ready for use in doses proportional to age and body weight of the consumer.



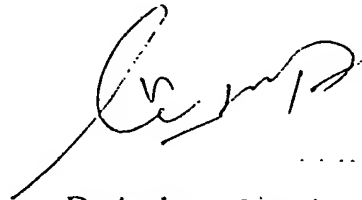
I CLAIM:

1. An ayurvedic medicinal preparation for use as a prophylactic for cardiac ailments and for increasing cardiac muscle tonicity by a process comprising of steps including:
 - a. Partial or complete removal of toxins and irritants from cleaned and dried nuts from plants of the genus, *anacardiaceae*, by repeated cooking and drying of the nuts in milk to obtain pure detoxified nuts;
 - b. Boiling the detoxified nuts in a medium of ghee obtained from cow's milk and maintaining the medium at a temperature of 50° to 80°, for an extended period of time until the medium is absolutely moisture free to obtain a nut oil extract from the nuts;
 - c. Cooking *Allium Sativum* Linn and *Zingiber Officinale* Rosc in moisture free vegetable oil to obtain an *Allium Sativum* Linn and *Zingiber Officinale* Rosc extract ;
 - d. Separately filtering the nut oil extract and *Allium Sativum* Linn *Zingiber Officinale* Rosc extract and mixing the two.
2. A process as described in claim 1 where in the nuts are either of the species *Semecarpous Anacardium* Linn or *Anacardium Occidentale* Linn.



- 
3. A process as described in claim 2, where in *Allium Sativum* Linn and *Zingiber Officinale* Rosc are cooked in moisture free purified castor oil.
 4. A process as described in claim 3, where in the *Zingiber Officinale* Rosc and *Allium Sativum* Linn are used in a proportion of 1:2 by weight in castor oil of 3 proportions by weight, and mixed with filtered nut oil extract obtained from 2 proportions by weight of nuts.

Dated this 24 day of June, 2002



Dr. Anthony Joseph
Inventor

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